

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

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Listing of Claims:

1. Cancel claim in its entirety.

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2. (amended) A system in accordance with Claim ~~4~~ 9 wherein said means for shrink-fit centering comprises:

a) a ~~cutting~~ tool having a cylindrical shank portion defining a continuous, uniform outer surface of substantially constant diameter; and

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b) a ~~unitary~~ tool holder having a conically tapered end portion and a ~~cutting~~ tool mounting portion, said mounting portion including a central aperture extending ~~axially~~ therein, the diameter of said central aperture absent said ~~cutting~~ tool shank portion being less than said diameter of said shank

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portion,
wherein said tool holder is formed of a material having thermal expansion and contraction characteristics such that the application of heat to said mounting portion thermally increases the diameter of said central aperture to allow said shank portion to be inserted into said aperture to a desired ~~axial~~ position,

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wherein cooling of said tool holder after said tool insertion causes a rigid interface between the inner surface of said central aperture and the outer surface of said shank portion, ~~resulting in high centration of said tool in said tool holder.~~

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3. Cancel claim in its entirety.

4. Cancel Claim in its entirety.

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5. Cancel claim in its entirety.

6. Cancel claim in its entirety.

5 7. (amended) A system in accordance with Claim ~~6~~ 9
wherein said first flat is formed at an angle to the longitudinal
axis of said tool.

10 8. (original) A system in accordance with Claim 7
wherein said angle is about five degrees.

 9. (amended) ~~A system in accordance with Claim 6~~ A
system for mounting a machine tool in a tool holder, comprising:

15 a) means for shrink-fit centering of said tool in said tool
holder;

b) means for positive restraint of said tool from rotation
within said tool holder, including a first flat formed on a shank
of said tool extending into an aperture in said tool holder, and
a first set screw disposed in a first threaded bore in said tool
20 holder for engaging said first flat; and

 c) ~~further comprising~~ a second flat formed on said tool
shank extending longitudinally from the end thereof and a second
set screw disposed in a second threaded bore in said tool holder
for cooperating with said second flat to angularly orienting
25 orient said tool during insertion of said tool into said holder.

10. Cancel claim in its entirety.

11. Cancel claim in its entirety.